

**§ 182.8988 Zinc gluconate.**(a) *Product.* Zinc gluconate.(b) *Conditions of use.* This substance is generally recognized as safe when used in accordance with good manufacturing practice.**§ 182.8991 Zinc oxide.**(a) *Product.* Zinc oxide.(b) *Conditions of use.* This substance is generally recognized as safe when used in accordance with good manufacturing practice.**§ 182.8994 Zinc stearate.**(a) *Product.* Zinc stearate prepared from stearic acid free from chickedema factor.(b) *Conditions of use.* This substance is generally recognized as safe when used in accordance with good manufacturing practice.**§ 182.8997 Zinc sulfate.**(a) *Product.* Zinc sulfate.(b) *Conditions of use.* This substance is generally recognized as safe when used in accordance with good manufacturing practice.**PART 184—DIRECT FOOD SUBSTANCES AFFIRMED AS GENERALLY RECOGNIZED AS SAFE****Subpart A—General Provisions****Sec.**

184.1 Substances added directly to human food affirmed as generally recognized as safe (GRAS).

**Subpart B—Listing of Specific Substances Affirmed as GRAS**

184.1005 Acetic acid.  
 184.1007 Aconitic acid.  
 184.1009 Adipic acid.  
 184.1011 Alginic acid.  
 184.1012  $\alpha$ -Amylase enzyme preparation from *Bacillus stearothermophilus*.  
 184.1021 Benzoic acid.  
 184.1024 Bromelain.  
 184.1025 Caprylic acid.  
 184.1027 Mixed carbohydrase and protease enzyme product.  
 184.1033 Citric acid.  
 184.1034 Catalase (bovine liver).  
 184.1061 Lactic acid.  
 184.1063 Enzyme-modified lecithin.  
 184.1065 Linoleic acid.  
 184.1069 Malic acid.

184.1077 Potassium acid tartrate.  
 184.1081 Propionic acid.  
 184.1090 Stearic acid.  
 184.1091 Succinic acid.  
 184.1095 Sulfuric acid.  
 184.1097 Tannic acid.  
 184.1099 Tartaric acid.  
 184.1101 Diacetyl tartaric acid esters of mono- and diglycerides.  
 184.1115 Agar-agar.  
 184.1120 Brown algae.  
 184.1121 Red algae.  
 184.1133 Ammonium alginate.  
 184.1135 Ammonium bicarbonate.  
 184.1137 Ammonium carbonate.  
 184.1138 Ammonium chloride.  
 184.1139 Ammonium hydroxide.  
 184.1140 Ammonium citrate, dibasic.  
 184.1141a Ammonium phosphate, monobasic.  
 184.1141b Ammonium phosphate, dibasic.  
 184.1143 Ammonium sulfate.  
 184.1148 Bacterially-derived carbohydrase enzyme preparation.  
 184.1150 Bacterially-derived protease enzyme preparation.  
 184.1155 Bentonite.  
 184.1157 Benzoyl peroxide.  
 184.1165 n-Butane and iso-butane.  
 184.1185 Calcium acetate.  
 184.1187 Calcium alginate.  
 184.1191 Calcium carbonate.  
 184.1193 Calcium chloride.  
 184.1195 Calcium citrate.  
 184.1199 Calcium gluconate.  
 184.1201 Calcium glycerophosphate.  
 184.1205 Calcium hydroxide.  
 184.1206 Calcium iodate.  
 184.1207 Calcium lactate.  
 184.1210 Calcium oxide.  
 184.1212 Calcium pantothenate.  
 184.1221 Calcium propionate.  
 184.1229 Calcium stearate.  
 184.1230 Calcium sulfate.  
 184.1240 Carbon dioxide.  
 184.1245 Beta-carotene.  
 184.1250 Cellulase enzyme preparation derived from *Trichoderma longibrachiatum*.  
 184.1257 Clove and its derivatives.  
 184.1259 Cocoa butter substitute.  
 184.1260 Copper gluconate.  
 184.1261 Copper sulfate.  
 184.1262 Corn silk and corn silk extract.  
 184.1265 Cuprous iodide.  
 184.1271 L-Cysteine.  
 184.1272 L-Cysteine monohydrochloride.  
 184.1277 Dextrin.  
 184.1278 Diacetyl.  
 184.1282 Dill and its derivatives.  
 184.1287 Enzyme-modified fats.  
 184.1293 Ethyl alcohol.  
 184.1295 Ethyl formate.  
 184.1296 Ferric ammonium citrate.  
 184.1297 Ferric chloride.  
 184.1298 Ferric citrate.  
 184.1301 Ferric phosphate.  
 184.1304 Ferric pyrophosphate.